



(19)

(11) Publication number: **01085767 A**

Generated Document

**PATENT ABSTRACTS OF JAPAN**

(21) Application number: 62242485

(51) Intl. Cl.: B41J 3/04 B41J 29/00

(22) Application date: 29.09.87

(30) Priority:

(43) Date of application  
publication: 30.03.89(84) Designated  
contracting states:(71) Applicant: **CANON INC**(72) Inventor: **TAKADA YOSHIHIRO**  
**SUZUKI AKIO**  
**IZUMIZAKI MASAMI**

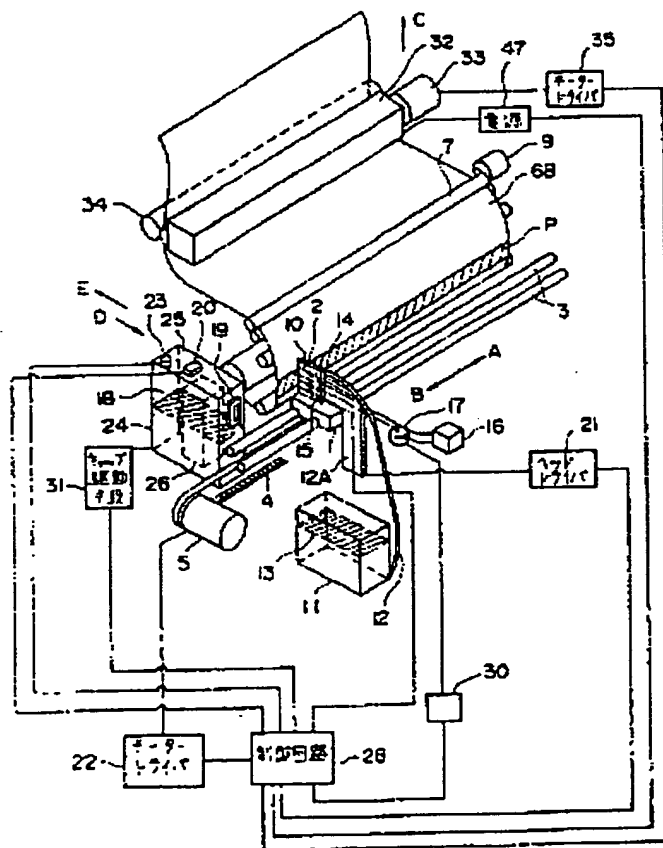
(74) Representative:

**(54) INK JET  
RECORDER**

(57) Abstract:

**PURPOSE:** To prevent the deterioration of a recorded image due to the bleeding, runs, etc. of a recording ink, by a method wherein a thermally fixing means sealing the surface of a recording medium applied with the recording ink is provided on a part of a carry path to fix the surface of the recorded medium.

**CONSTITUTION:** In recording, a carriage 1 is driven to run from a recording start position, nozzles 10 of a recording head 2 are selectively driven to discharge ink drips, and a recording of dot-matrix pattern is applied on a recording-width part P of a sheet 6B opposed to the respective nozzles in a main-scanning direction. After the completion of the recording for one line, the carriage 1 is returned, the sheet 6B is carried by the amount of the



recording width P, and this action is again repeated. The recorded part is carried to a thermal fixing device 32 disposed on the way of a paper discharge path. After being subjected to a water-resisting treatment, the surface is fused by the thermal fixing device 32 to eliminate the gaps existing on the surface of a porous layer to enhance a water resistance.

COPYRIGHT: (C)  
1989,JPO&Japio